

09/890441

Please type a plus sign (+) inside this box →

+

PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO  INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number		
				Filing Date		Herewith
				First Named Inventor		UCHINO et al
				Group Art Unit		
				Examiner Name		
Sheet	1	of	1	Attorney Docket Number		01447/LH

## U.S. PATENT DOCUMENTS

Exam. Inits <sup>1</sup>	Cite No <sup>1</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

## FOREIGN PATENT DOCUMENTS

Exam Inits <sup>1</sup>	Cite No <sup>1</sup>	offc <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
JP		JP	62-233953	A		10-14-1987		
JP		JP	8-220163	A		08-30-1996		

Examiner Signature	<i>James X. [Signature]</i>	Date Considered	10/04/2004
-----------------------	-----------------------------	--------------------	------------

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Unique citation designation number. <sup>3</sup> See kinds of U.S. Patent Documents. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Place a check here if English translation is attached.

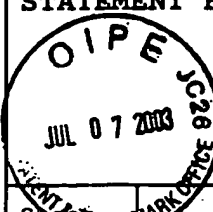
DATE MAILED: July 25, 2001

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  		Application Number	09/890,441
		Filing Date	July 25, 2001
		First Named Inventor	Masaharu UCHINO et al
		Group Art Unit	2631
		Examiner Name	
Sheet 1 of 2		Attorney Docket Number	01447/LH

**RECEIVED**

JUL 11 2003

Technology Center 2600

**U.S. PATENT DOCUMENTS**

Exam. Initials <sup>1</sup>	Cite No <sup>1</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
DXN		5,515,404		PEARCE	05-07-1996	
DXN		5,014,231		REINHARDT et al	05-07-1991	
DXN		4,901,265		KERR et al	02-13-1990	
DXN		4,539,518		KITAYOSHI	09-03-1985	
DXN		5,557,196		UJIIE	09-17-1996	
DXN		4,539,709		CONNER	09-03-1985	
DXN		3,619,774		LANDWEHR	11-09-1971	
DXN		5,835,501		DALMIA et al	11-10-1998	
DXN		5,754,437		BLAZO	05-19-1998	

**FOREIGN PATENT DOCUMENTS**

Exam Initials <sup>1</sup>	Cite No <sup>1</sup>	Offc <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
DXN		EP	0 823 700	A	NDS LIMITED	02-11-1998		
DXN		GB	2,158,254	A	HEKIMIAN	11-06-1985		

Examiner Signature	<i>Dong P. Nguyen</i>	Date Considered	10/27/2004
--------------------	-----------------------	-----------------	------------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Place a check here if English translation is attached.

DATE MAILED: **July 7, 2003**

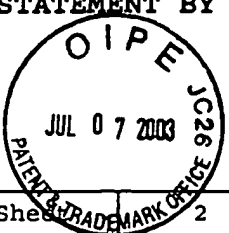
Please type a plus sign (+) inside this box -



02/07/03

PTO/SB/08B (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  			Application Number	09/890,441
			Filing Date	July 25, 2001
			First Named Inventor	Masaharu UCHINO et al
			Group Art Unit	2631
			Examiner Name	
Sheet 2	of 2	Attorney Docket Number	01447/LH	

**OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
DPN		M. CARBONELLI et al, "Jitter and Wander Performance in Synchronization Distribution Chains", Instrumentation and Measurement Technology Conference 1996, Conference Proceedings, Quality Measurements: The Indispensable Bridge Between Theory and Reality, IEEE Brussels, Belgium, 4-6 June 1996, pp. 44-47.	
DPN		S. BREGNI et al, "Simulation of Clock Noise and US-4 Pointer Action in SDH Equipment", Global Telecommunications Conference 1995, Conference Record, Communication Theory Mini-Conference, GLOBECOM '95, IEEE Singapore 13-17 Nov. 1995 pp. 56-60.	
DPN		P.E. SHOLANDER et al, "Mapping Wander in SONET/SDH Fixed Threshold and Uniform Pointer Processors", Global Telecommunications Conference 1995, Conference Record, Communication Theory Mini-Conference, GLOBECOM '95, IEEE Singapore 13-17 November 1995, pp. 50-55.	
DPN		S. BREGNI et al, "Jitter Testing Technique and Results at VC-4 Desynchronizer Output of SDH Equipment", IEEE Transactions on Instrumentation and Measurement, Vol. 44, No. 3, June 1, 1995, pp. 675-678.	

**RECEIVED**

JUL 11 2003

Technology Center 2600

Examiner Signature	<i>Dong X. Nguyen</i>	Date Considered	10/27/04
--------------------	-----------------------	-----------------	----------

\* EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Place a check here if English translation is attached.

DATE MAILED: July 7, 2003

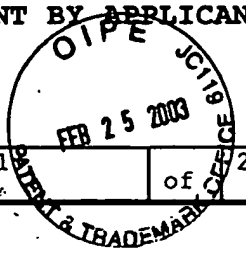
Please type a plus sign (+) inside this box →

+

PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	09/890,441
		Filing Date	July 25, 2001
		First Named Inventor	M. UCHINO
		Group Art Unit	2631
		Examiner Name	
Sheet 1	of 2	Attorney Docket Number	01447/LH



**U.S. PATENT DOCUMENTS**

Exam. Inits <sup>1</sup>	Cite No <sup>1</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

**RECEIVED**  
**MAR 03 2003**  
**Technology Center 2600**

**FOREIGN PATENT DOCUMENTS**

Exam. Inits <sup>1</sup>	Cite No <sup>1</sup>	Offc <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
DPN		EP	0 828 343	A1	TEKTRONIX, INC.	03-11-1998		
DPN		EP	0 547 271	A1	HEWLETT PACKARD, LTD.	06-23-1993		
DPN		GB	2 146 205	A	MARCONI INSTRUMENTS, LTD.	04-11-1985		

Examiner Signature	<i>Dong X. Nguyen</i>	Date Considered	10/27/2004
--------------------	-----------------------	-----------------	------------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


<sup>1</sup> Unique citation designation number. <sup>2</sup> See kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Place a check here if English translation is attached.

\* English language abstract enclosed

DATE MAILED: February 25, 2003

+

PTO/SB/08B (08-00)



Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
DPN		<p>MCNALLY, B.I. et al, "Jitter Accumulation in a Simulated 591-2 MBIT/S, 6000km Optical Transmission System", <u>Electronics Letters</u>, vol. 24, no. 11, pages 676-678, May 26, 1998, IEE Stevenage, GB, XP000761221, ISSN: 0013-5194 - figure 1.</p> <p style="text-align: right;"> <b>RECEIVED</b>  <b>MAR 03 2003</b>  <b>Technology Center 2600</b> </p>	
Examiner Signature	Date Considered		

<sup>1</sup> Unique citation designation number. <sup>2</sup> Place a check here if English translation is attached.

DATE MAILED: February 25, 2003